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### ABSTRACT

The invention concerns a loading device for the dewatering a web-forming wire, which supports and/or loads the wire of a paper machine and scrapes water from the wire surface. The loading device is loaded by a pressure medium and includes a movable loading member and a fixed base member. The loading member includes a longitudinal groove which extends the length of the loading member and the base member includes a slide rail adapted to be received in the longitudinal groove for supporting the loading member. In order to eliminate jamming phenomenon of the loading member, the loading member is supported evenly in its position in a cross machine direction and it is adapted to move towards the wire and away from the wire with aid of rollers arranged between the slide rail and the internal walls of the loading member which define the longitudinal groove.